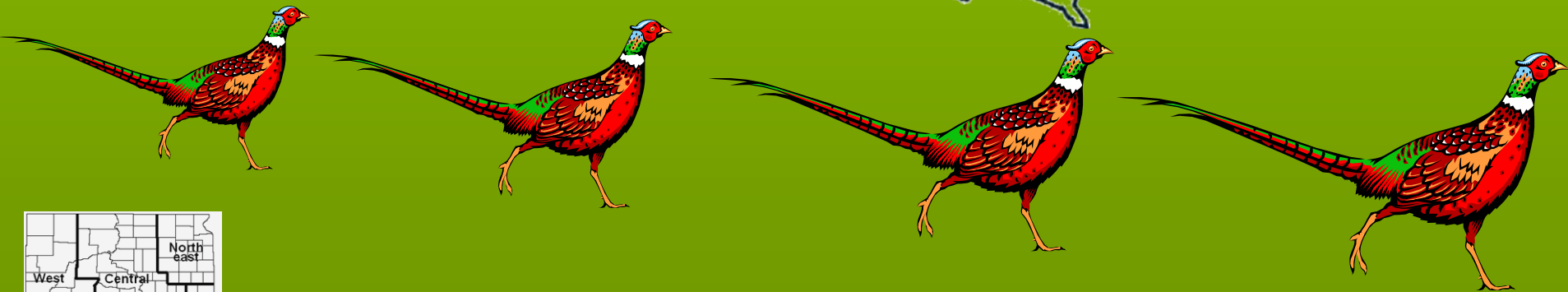


1 January – 30 June 2007

Provisional data

Monthly infectious disease summary report

June 2007



South Dakota Department of Health confidential disease reporting: 1-800-592-1804

1 January – 30 June 2007

Provisional data

South Dakota infectious disease summary

| Diseases/Agent | Cases year-to-date | Incidence year-to-date | 5-yr median cases | Percent change |
|---------------------------------------|------------------------------|----------------------------------|-----------------------------|---------------------------------|
| Campylobacter | 89 | 11.4 | 99 | -10% |
| Chlamydia | 1237 | 158.2 | 1224 | 1% |
| Cryptosporidiosis | 46 | 5.9 | 18 | 156% |
| E. coli, shiga toxin-producing | 14 | 1.8 | 12 | +17% |
| Giardiasis | 25 | 3.2 | 35 | -29% |
| Gonorrhea | 125 | 16.0 | 129 | -3% |
| Hepatitis A | 4 | 0.5 | 2 | 100% |
| HIV AIDS | 13 | 1.7 | 15 | -13% |
| Meningococcal, invasive | 3 | 0.4 | 2 | 50% |
| Pertussis | 39 | 5.0 | 9 | 333% |
| Rabies | 9 | NA | 52 | -83% |
| Salmonella | 76 | 9.7 | 45 | 69% |
| Shigellosis | 20 | 2.6 | 16 | 25% |
| Strep A, invasive | 6 | 0.8 | 9 | -33% |
| Strep B, invasive | 7 | 0.9 | 7 | 0% |
| Syphilis, early | 7 | 0.9 | 1 | 600% |
| Tuberculosis | 4 | 0.5 | 8 | -50% |
| West Nile | 5 | 0.6 | 2 | 150% |



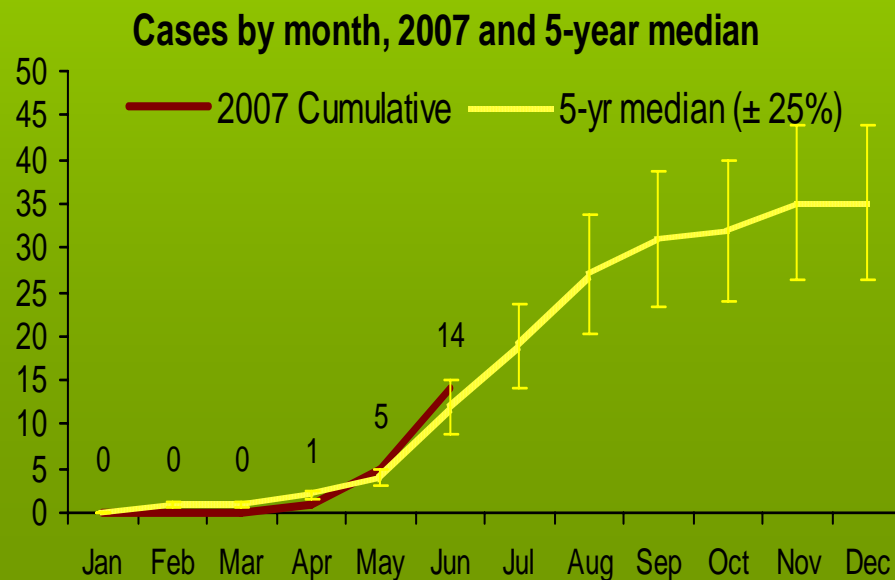
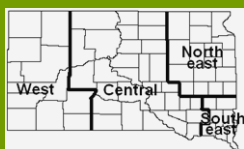
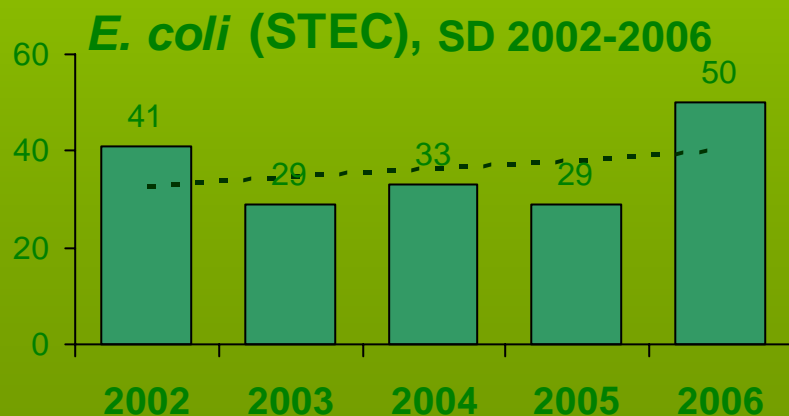
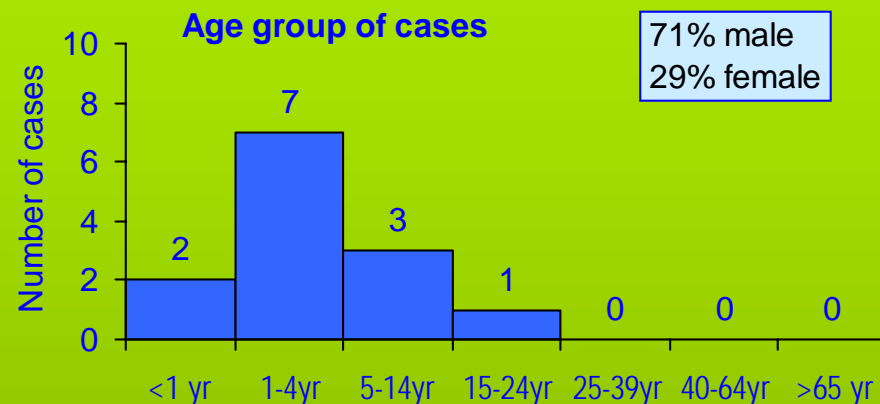
South Dakota Department of Health confidential disease reporting: 1-800-592-1804

1 January – 30 June 2007

Provisional data

E. coli, shiga toxin-producing, South Dakota

| Region | Cases (year-to-date) | Rate (cases per 100,000 population) |
|---------------|-------------------------|--|
| Central | 5 | 3.4 |
| Northeast | 3 | 1.7 |
| Southeast | 5 | 2.0 |
| West | 1 | 0.5 |
| TOTAL | 14 | 1.8 +17% |
| 5-year median | 12 | 1.5 |

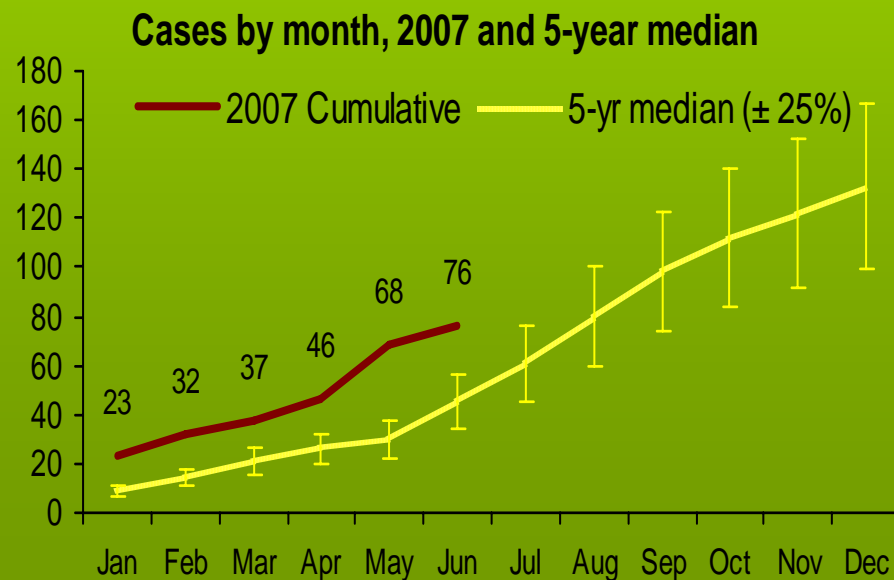
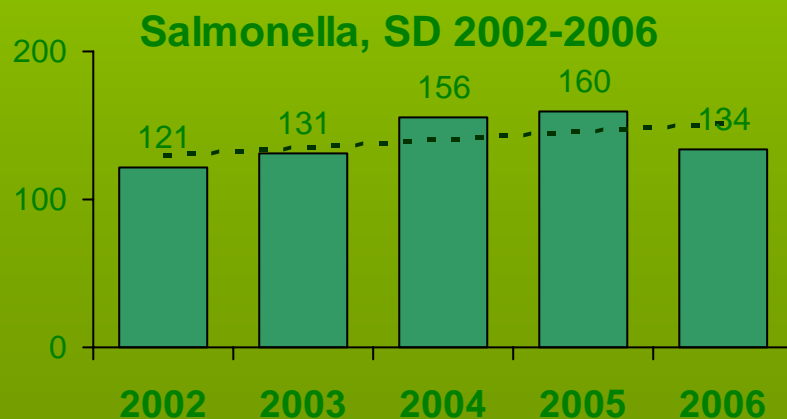
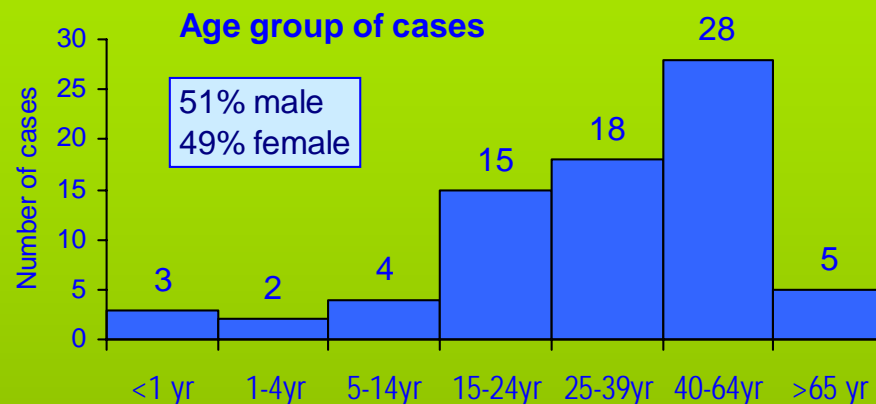


1 January – 30 June 2007

Provisional data

Salmonellosis, South Dakota

| Region | Cases (year-to-date) | Rate (cases per 100,000 population) |
|---------------|-------------------------|--|
| Central | 10 | 6.7 |
| Northeast | 20 | 11.0 |
| Southeast | 29 | 11.1 |
| Western | 17 | 8.9 |
| TOTAL | 76 | 9.7 +69% |
| 5-year median | 45 | 5.8 |



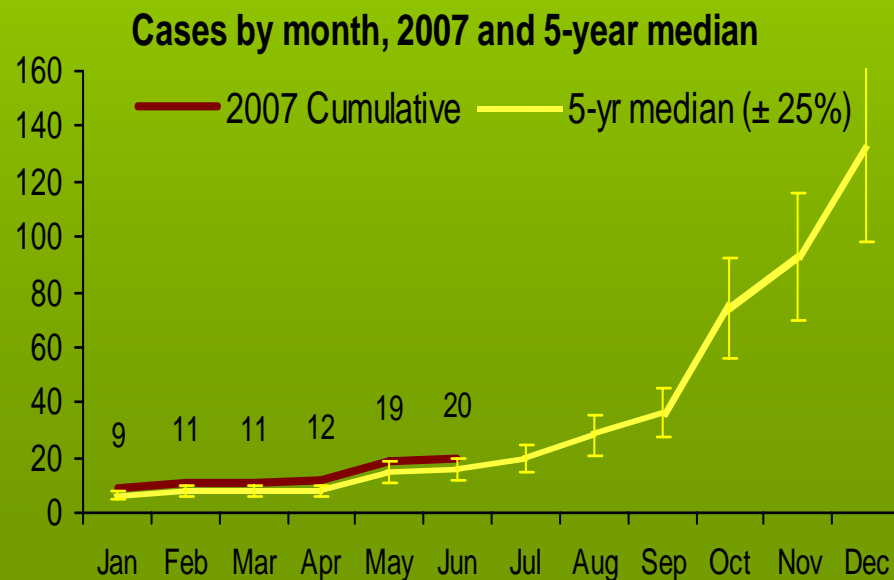
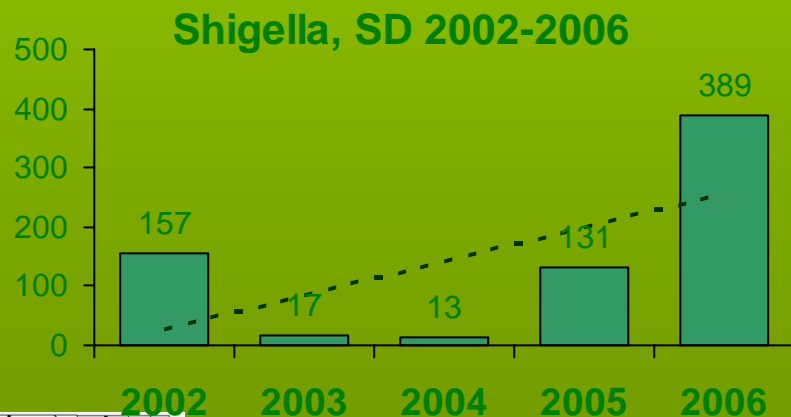
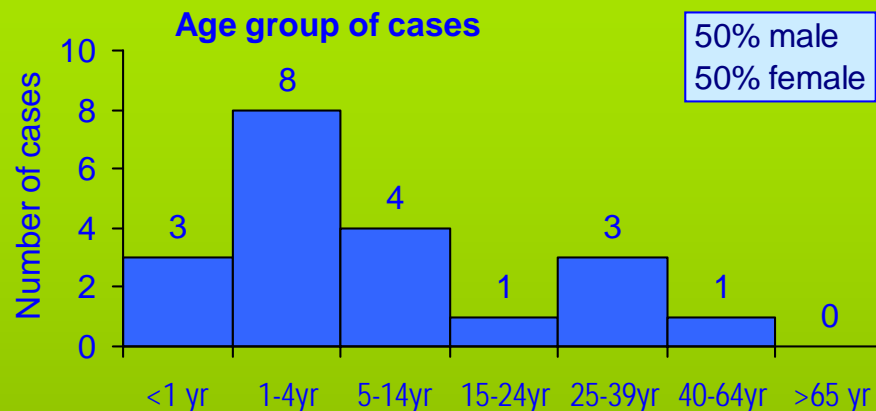
South Dakota Department of Health confidential disease reporting: 1-800-592-1804

1 January – 30 June 2007

Provisional data

Shigellosis, South Dakota

| Region | Cases (year-to-date) | Rate (cases per 100,000 population) |
|---------------|-------------------------|--|
| Central | 8 | 5.4 |
| Northeast | 1 | 0.6 |
| Southeast | 3 | 1.1 |
| Western | 8 | 4.2 |
| TOTAL | 20 | 2.6 +25% |
| 5-year median | 16 | 2.0 |



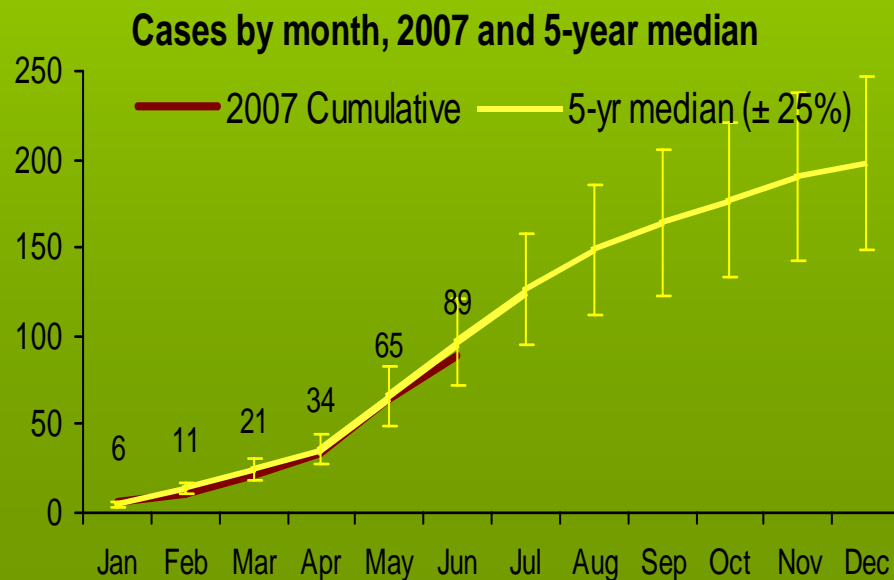
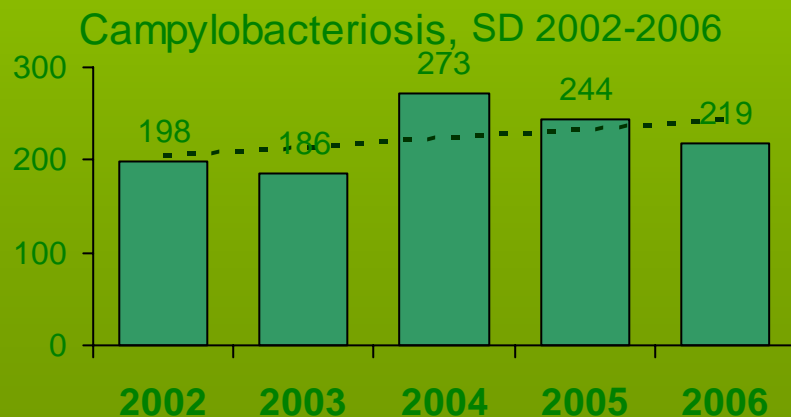
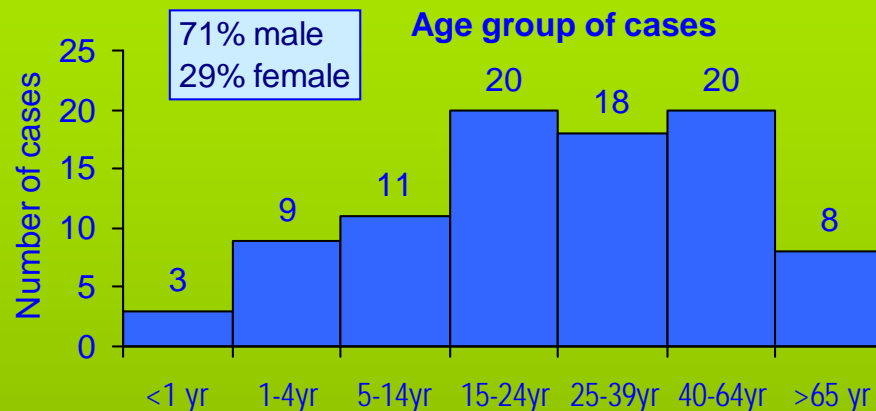
South Dakota Department of Health confidential disease reporting: 1-800-592-1804

1 January – 30 June 2007

Provisional data

Campylobacteriosis, South Dakota

| Region | Cases (year-to-date) | Rate (cases per 100,000 population) |
|---------------|-------------------------|--|
| Central | 35 | 23.5 |
| Northeast | 27 | 14.9 |
| Southeast | 22 | 8.4 |
| Western | 5 | 2.6 |
| TOTAL | 89 | 11.4 -10% |
| 5-year median | 99 | 12.7 |



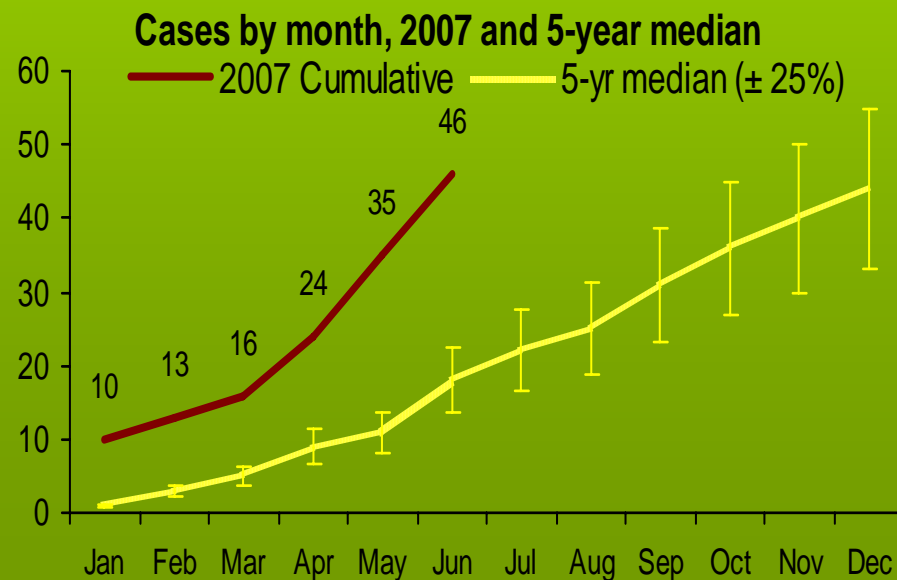
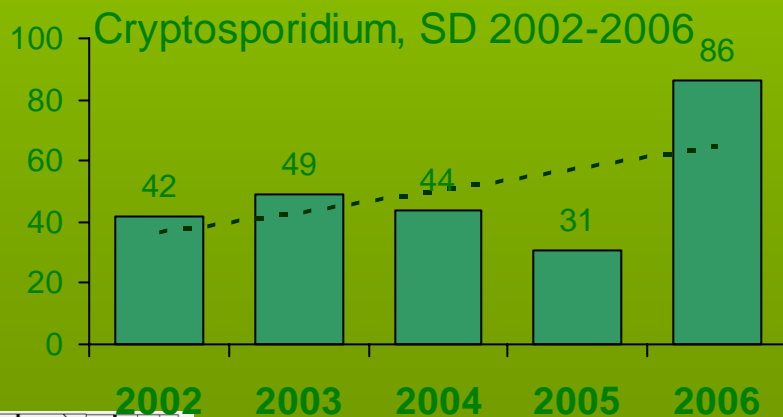
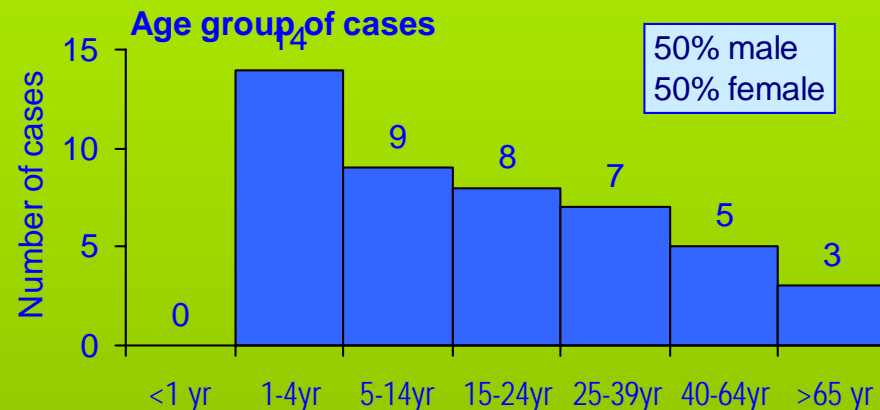
South Dakota Department of Health confidential disease reporting: 1-800-592-1804

1 January – 30 June 2007

Provisional data

Cryptosporidiosis, South Dakota

| Region | Cases (year-to-date) | Rate (cases per 100,000 population) |
|---------------|-------------------------|--|
| Central | 14 | 9.4 |
| Northeast | 21 | 11.6 |
| Southeast | 11 | 4.2 |
| Western | 0 | 0.0 |
| TOTAL | 46 | 5.9 +156% |
| 5-year median | 18 | 2.3 |



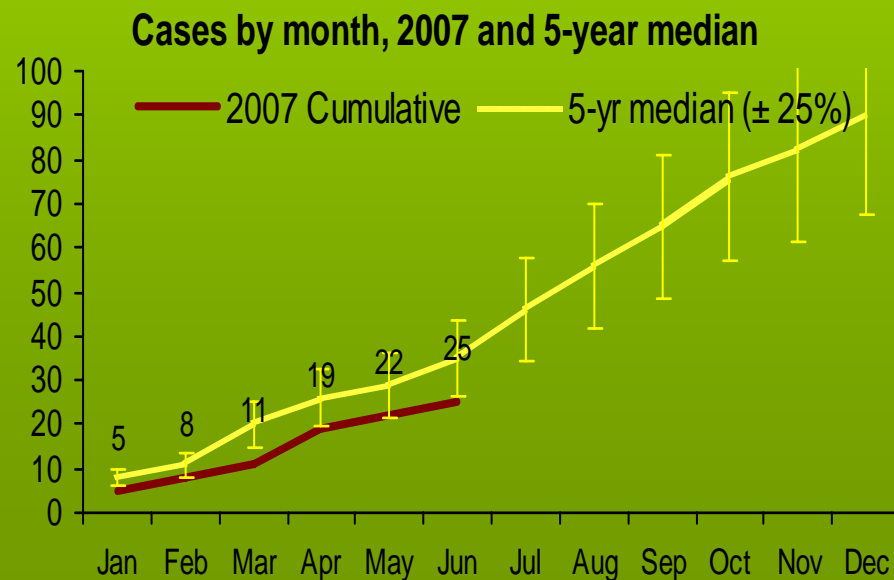
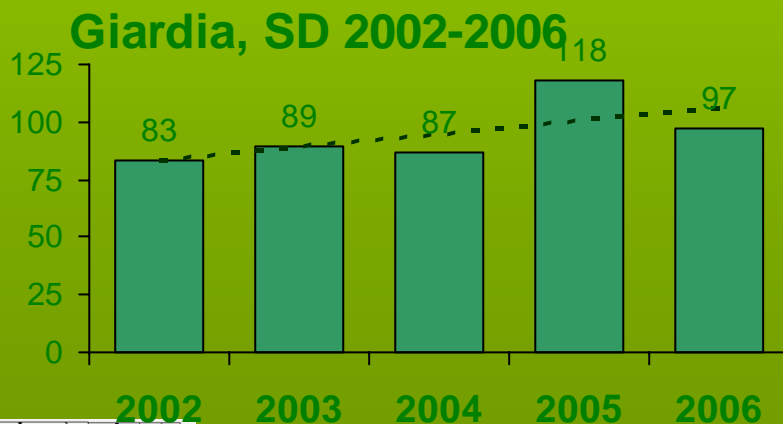
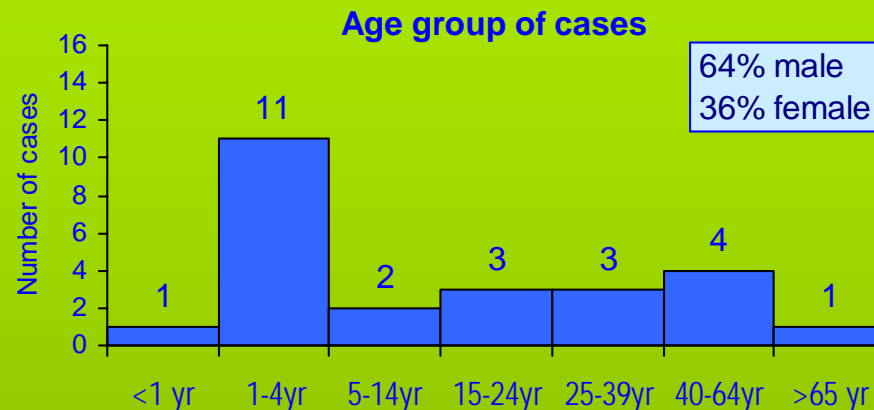
South Dakota Department of Health confidential disease reporting: 1-800-592-1804

1 January – 30 June 2007

Provisional data

Giardiasis, South Dakota

| Region | Cases (year-to-date) | Rate (cases per 100,000 population) |
|---------------|-------------------------|--|
| Central | 2 | 1.3 |
| Northeast | 4 | 2.2 |
| Southeast | 8 | 3.1 |
| Western | 11 | 5.8 |
| TOTAL | 25 | 3.2 -29% |
| 5-year median | 29 | 3.7 |



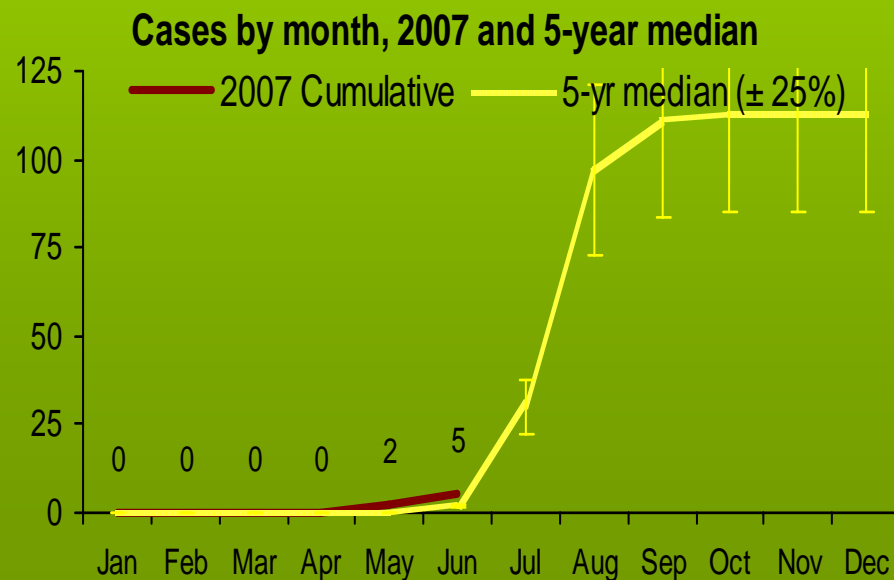
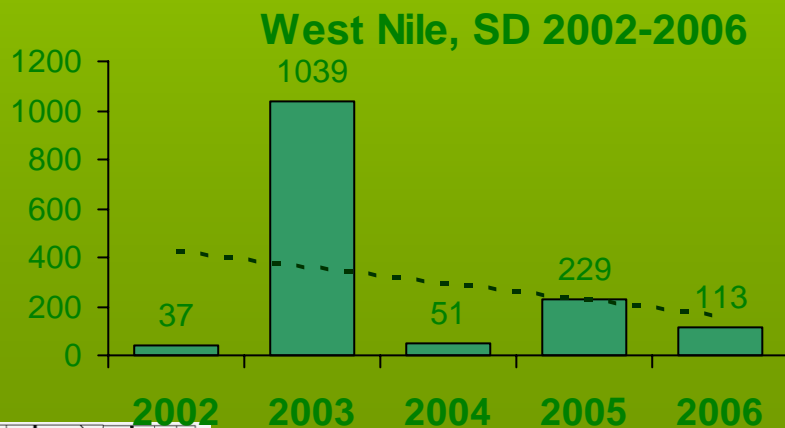
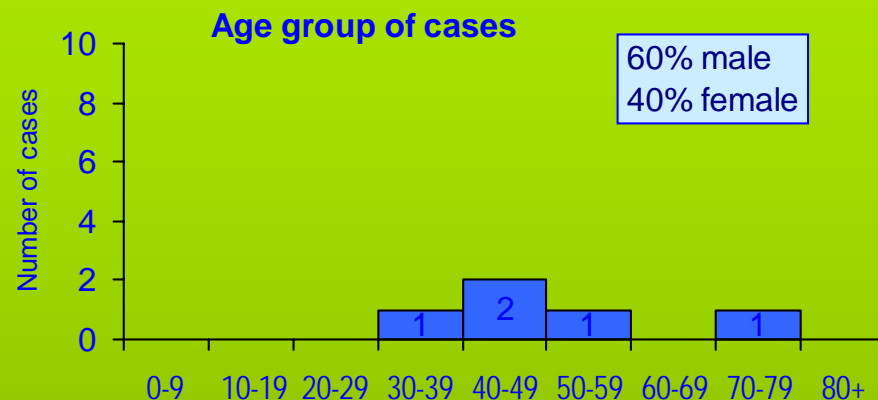
South Dakota Department of Health confidential disease reporting: 1-800-592-1804

1 January – 30 June 2007

Provisional data

West Nile disease, South Dakota

| Region | Cases (year-to-date) | Rate (cases per 100,000 population) |
|---------------|-------------------------|--|
| Central | 4 | 2.7 |
| Northeast | 1 | 0.6 |
| Southeast | 0 | 0 |
| Western | 0 | 0 |
| TOTAL | 5 | 0.7 +150% |
| 5-year median | 2 | 0.3 |



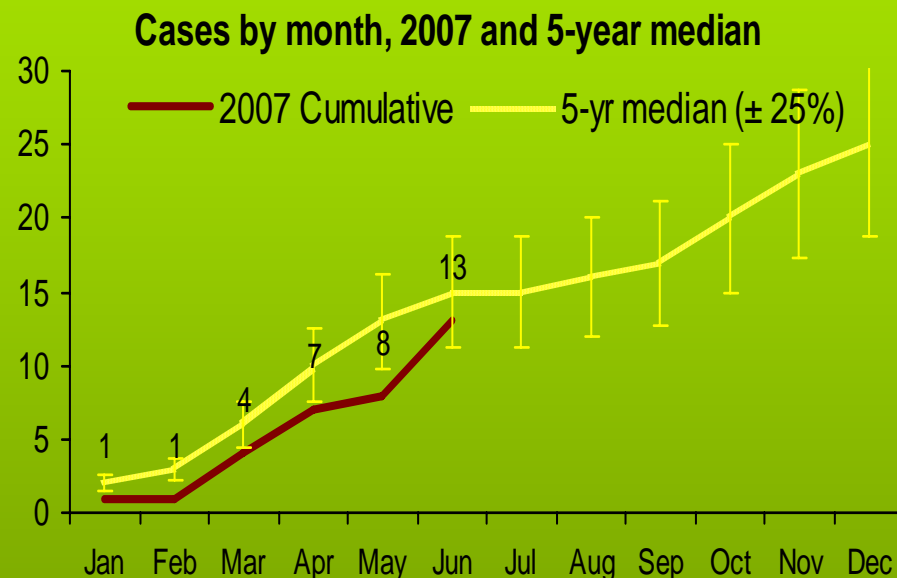
South Dakota Department of Health confidential disease reporting: 1-800-592-1804

1 January – 30 June 2007

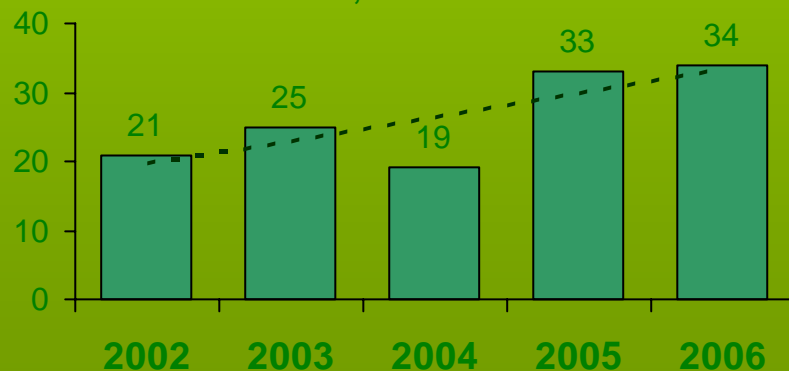
Provisional data

HIV/AIDS, South Dakota

| Region | Cases (year-to-date) | Rate (cases per 100,000 population) |
|---------------|-------------------------|--|
| Central | 2 | 1.3 |
| Northeast | 2 | 1.1 |
| Southeast | 8 | 3.1 |
| West | 1 | 0.5 |
| TOTAL | 13 | 1.7 -38% |
| 5-year median | 15 | 1.9 |



HIV/AIDS, SD 2002-2006

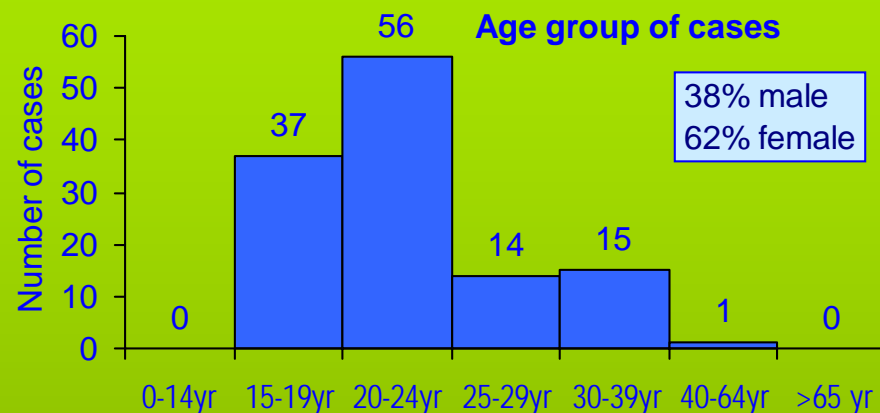


1 January – 30 June 2007

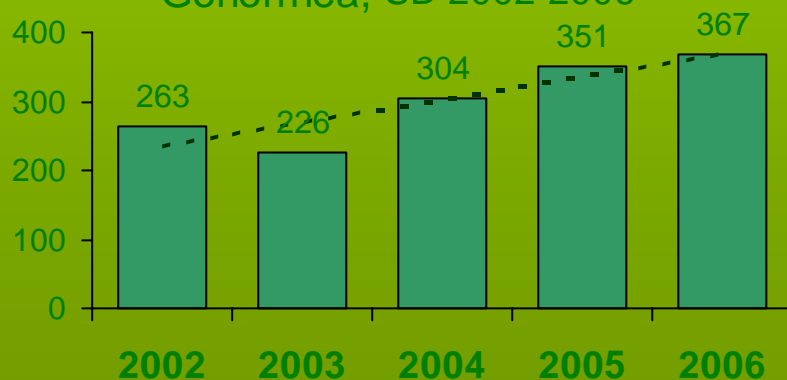
Provisional data

Gonorrhea, South Dakota

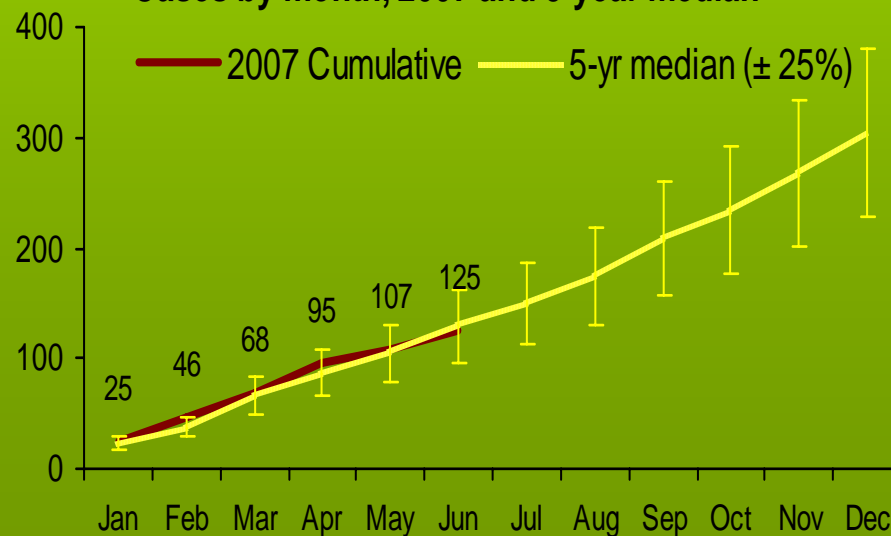
| Region | Cases (year-to-date) | Rate (cases per 100,000 population) |
|---------------|-------------------------|--|
| Central | 28 | 18.6 |
| Northeast | 7 | 3.8 |
| Southeast | 56 | 21.7 |
| West | 34 | 17.8 |
| TOTAL | 125 | 16.0 -3% |
| 5-year median | 129 | 16.6 |



Gonorrhea, SD 2002-2006



Cases by month, 2007 and 5-year median

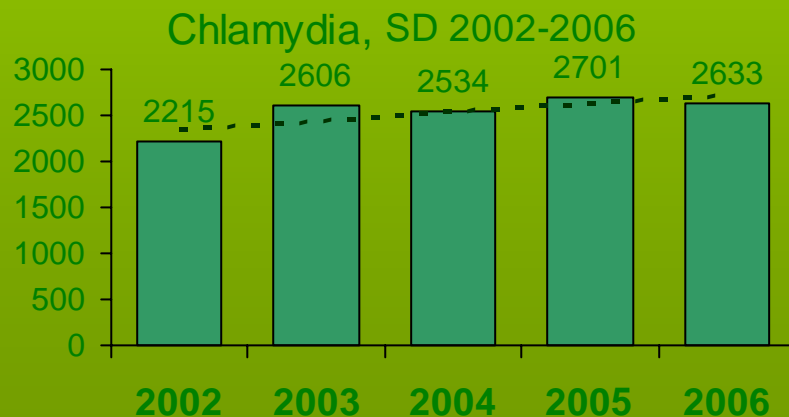
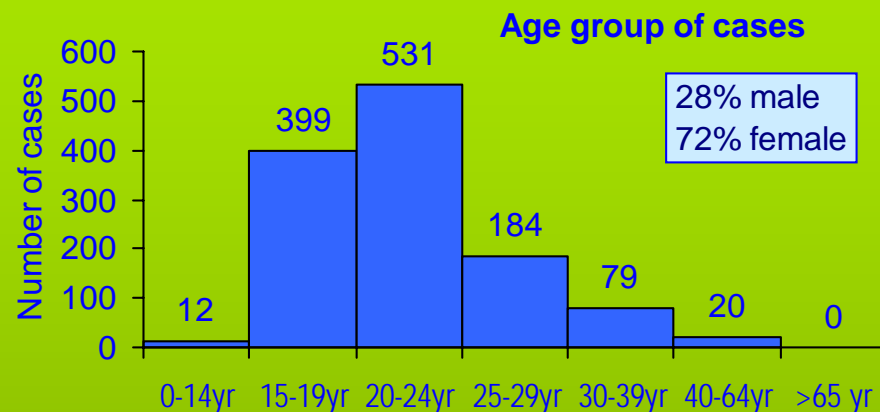


1 January – 30 June 2007

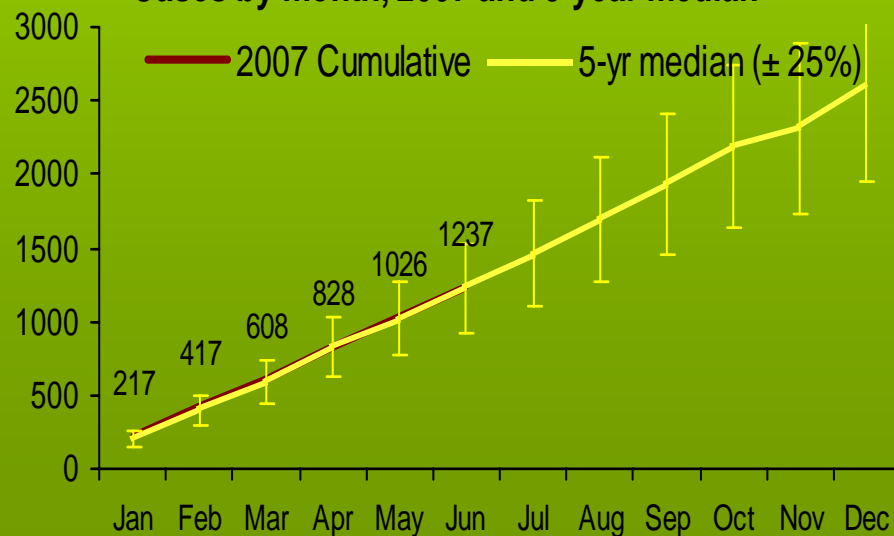
Provisional data

Chlamydia, South Dakota

| Region | Cases (year-to-date) | Rate (cases per 100,000 population) |
|---------------|-------------------------|--|
| Central | 281 | 186 |
| Northeast | 192 | 105 |
| Southeast | 352 | 136 |
| West | 412 | 216 |
| TOTAL | 1237 | 158 +1% |
| 5-year median | 1224 | 158 |



Cases by month, 2007 and 5-year median

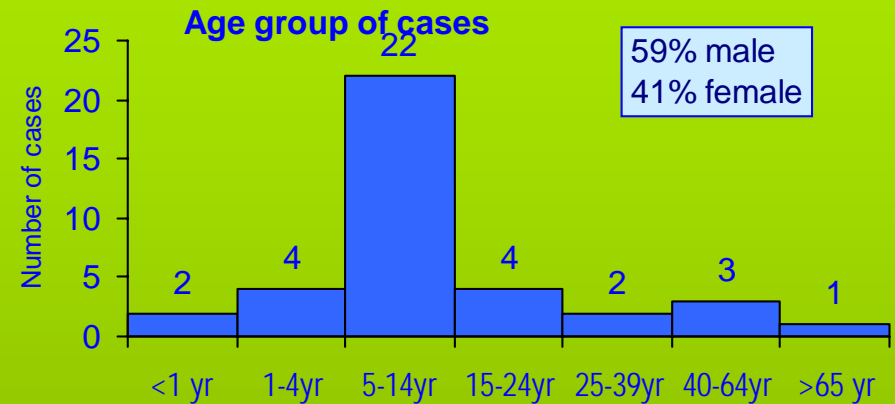


1 January – 30 June 2007

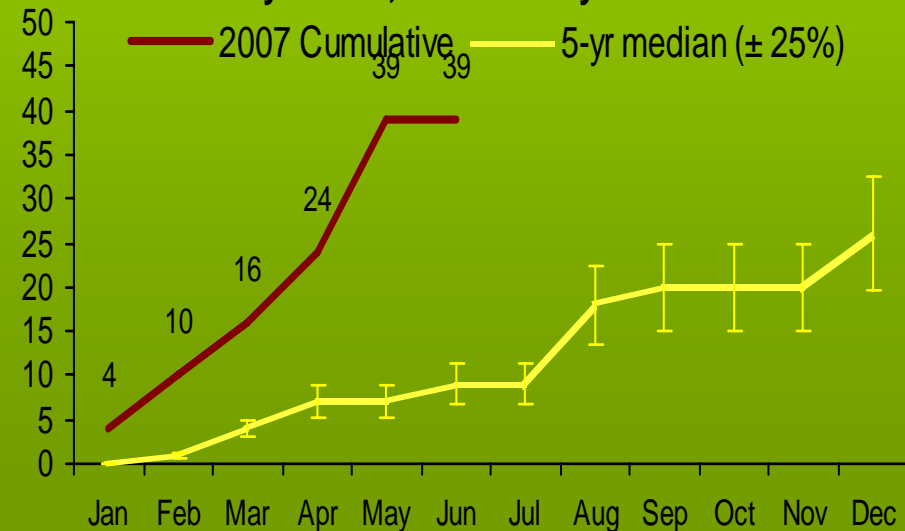
Provisional data

Pertussis, South Dakota

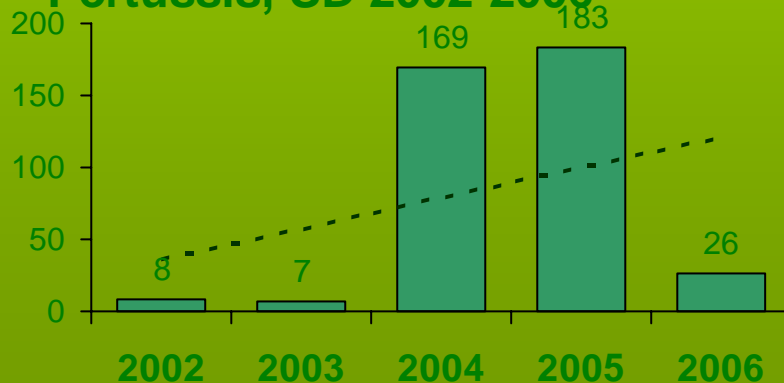
| Region | Cases (year-to-date) | Rate (cases per 100,000 population) |
|---------------|-------------------------|--|
| Central | 4 | 2.7 |
| Northeast | 0 | 0.0 |
| Southeast | 32 | 12.2 |
| Western | 3 | 1.6 |
| TOTAL | 39 | 5.0 +333% |
| 5-year median | 9 | 1.2 |



Cases by month, 2007 and 5-year median



Pertussis, SD 2002-2006



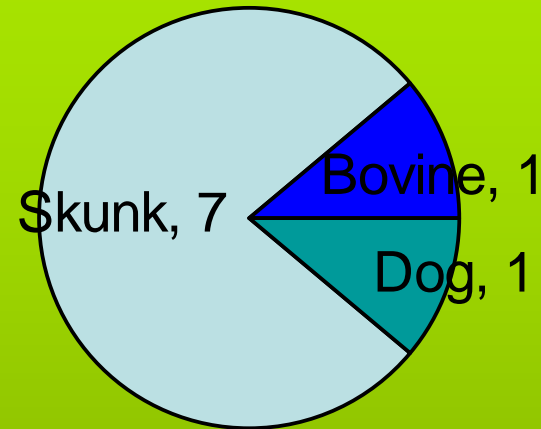
1 January – 30 June 2007

Provisional data

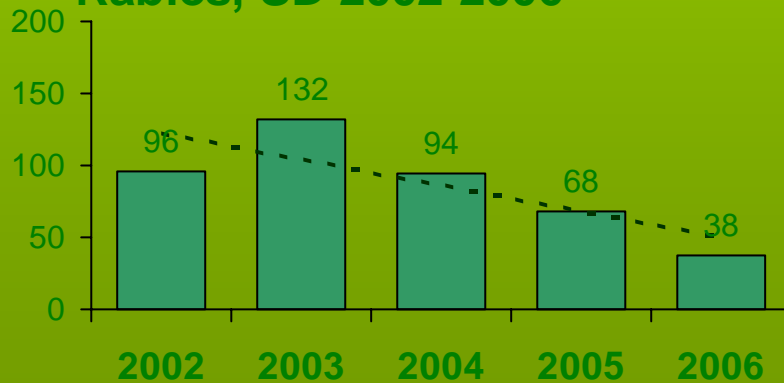
Rabies, South Dakota

County: Rabid animals

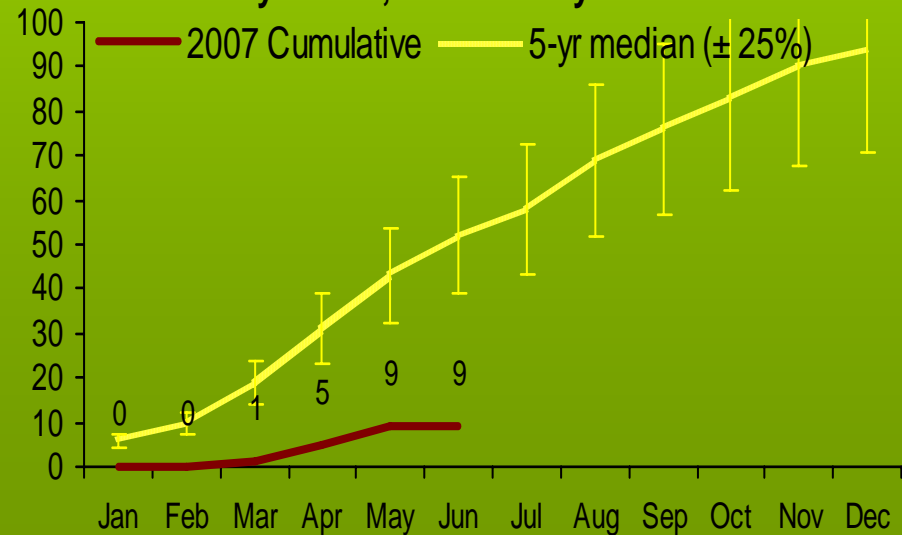
- Brookings: skunk 1
- Brown: skunk 2
- Clark: bovine 1
- Deuel: skunk 1
- Faulk: skunk 1
- Meade: skunk 1
- Tripp: skunk 1
- Walworth: dog 1



Rabies, SD 2002-2006



Cases by month, 2007 and 5-year median



South Dakota Department of Health confidential disease reporting: 1-800-592-1804

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Provisional data

Other low incidence or newly reportable diseases, South Dakota, YTD 2007

- Chicken pox, 55 cases
- Dengue fever, 3 cases
- Hepatitis A, acute, 4 cases
- Hepatitis B, acute, 1 case
- Hepatitis B, chronic, 14 cases
- Hepatitis C, chronic, 107 cases
- Herpes (genital and neonatal), 182 cases
- Legionnaires' disease, 2 cases
- Malaria, 1 case
- Meningococcal, invasive disease, 3 cases (Group-Y 2, Group-B 1)
- MRSA, invasive, 36 cases
- Mumps, 2 cases
- Q fever, 1 case
- Rocky Mountain Spotted Fever, 2 cases
- Streptococcus, Group A, invasive, 6 cases
- Streptococcus, Group B, invasive, 7 cases
- Streptococcus pneumoniae, drug-resistant, 10 cases
- Syphilis, early, 7 cases
- Tuberculosis, active, 4 cases
- Tularemia, 2 cases



1 January – 30 June 2007

Provisional data

Reportable Diseases List:

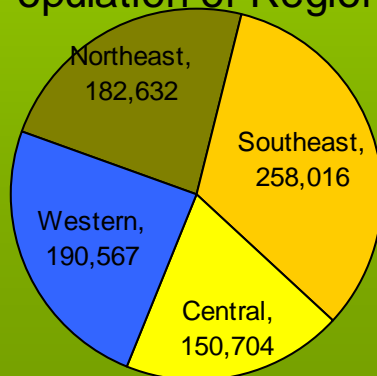
www.state.sd.us/doh/Disease/report.htm



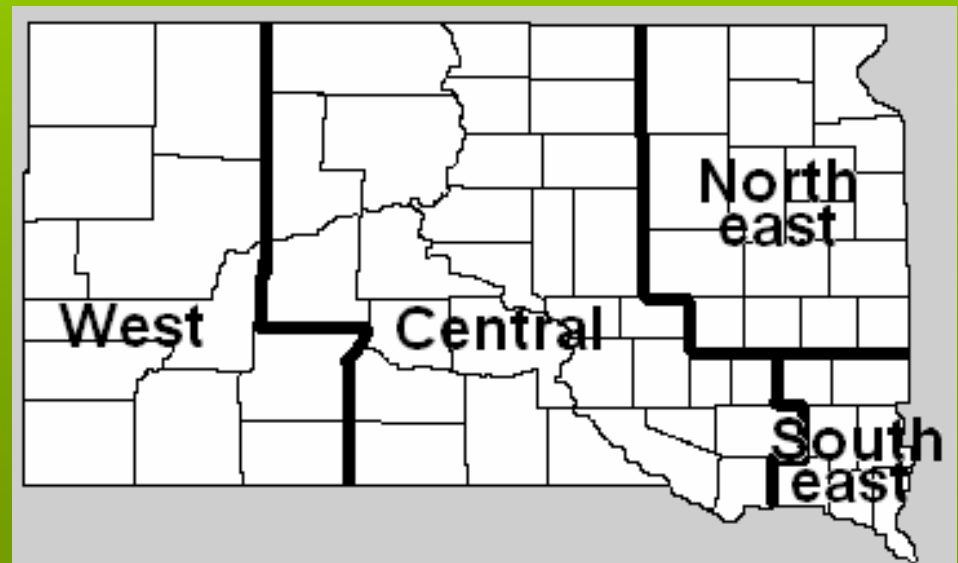
To report infectious diseases

- Secure website: www.state.sd.us/doh/diseasereport
- Telephone: **1-800-592-1804** confidential recorder; or **1-800-592-1861** or **605-773-3737** for a disease surveillance person during normal business hours; after hours to report Category I diseases or other emergencies, call **605-280-4810**.
- Fax: **605-773-5509**
- Mail or courier, address to: Infectious Disease Surveillance, Office of Disease Prevention, Department of Health, 615 East 4th Street, Pierre, SD 57501; marked "*Confidential Disease Report*"

Population of Regions



South Dakota 2006 population est: 781,919



South Dakota Department of Health confidential disease reporting: 1-800-592-1804